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02910 (US). **DU, ShouCheng** [CN/US]; 9 Roland Street,
Cumberland, RI 02864 (US).

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(74) Agents: **PIERCE, Scott, N.** et al.; Hamilton, Brook, Smith
& Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Con-
cord, MA 01742-9133 (US).

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(71) Applicant (for all designated States except US): **SEN-
TION, INC.** [US/US]; One Richmond Square, 3rd Floor,
Cumberland, RI 02906 (US).

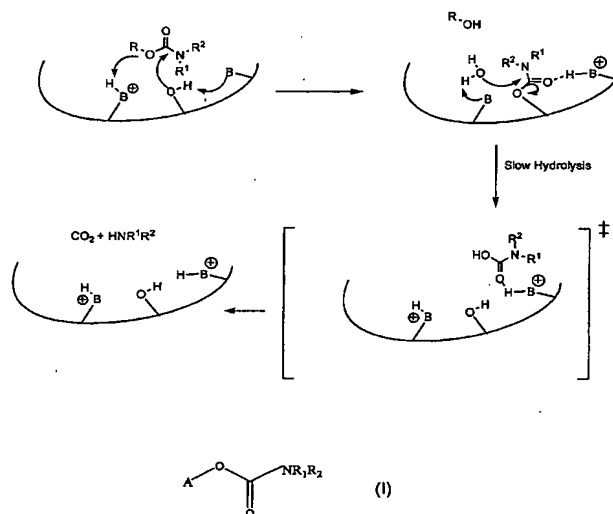
(72) Inventors; and

(75) Inventors/Applicants (for US only): **VERHEIJEN,
Jeroen, C.** [NL/US]; 85 Howland Road, Cranston, RI

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(54) Title: CARBAMOYL ESTERS THAT INHIBIT CHOLINESTERASE AND RELEASE PHARMACOLOGICALLY ACTIVE AGENTS



(57) Abstract: Carbamoyl esters inhibit cholinesterase activity and, upon hydrolysis release a pharmacologically active agent. In one embodiment, the carbamoyl ester has the following structure: Formula (I) wherein A is selected from the group consisting of an unsubstituted aryl, a substituted aryl, an unsubstituted heteroaryl and a substituted heteroaryl. The carbamoyl esters are employed in methods to treat an individual. The pharmacologically active agent obtained by hydrolysis of the carbamoyl esters can treat, for example, a nervous system condition, a cholinergic deficiency and conditions or diseases associated with a deficiency in a pharmacologically active agent, such as acetylcholine.



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